

SOIL CLASS: 510A - HOOSIC
(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED
#1 SET HUB ELEVATION 50.00
#2 SET NAIL BASE 20" MAPLE EL 50.78
#3 TOP IRON PIPE EL 52.42

DESIGN INTENT:
1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 48.4
2. THERE IS/ARE APPROX 2.6 FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. (EL 51.0)
INTENT IS TO ELEVATE LEACH FIELD AS HIGH AS POSSIBLE WHILE MAINTAINING MINIMUM REQUIRED SLOPES FROM EXISTING INVERT, TO ALLOW FOR 12-18" SYSTEM COVER WITH MINIMAL CHANGES TO EXISTING GRADE.

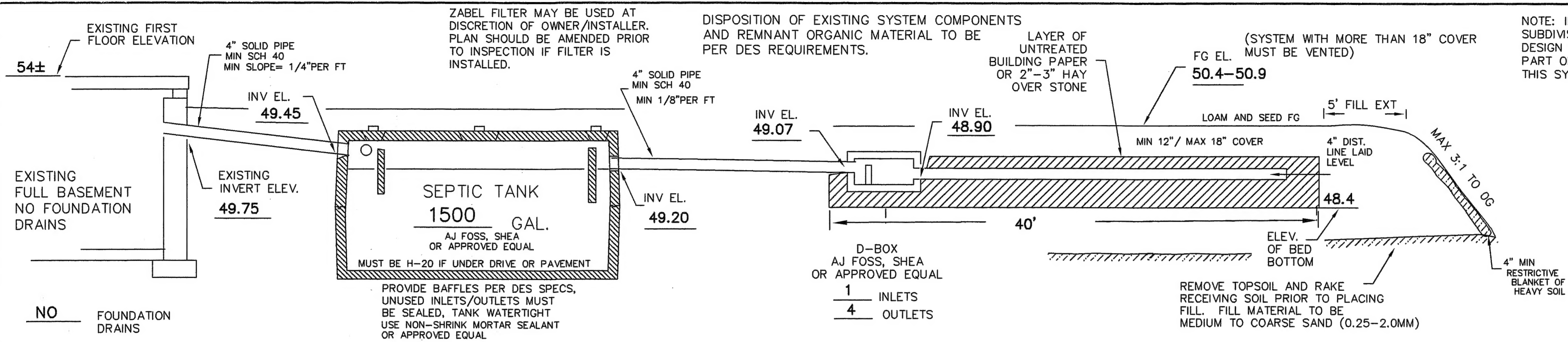
SUITABLE REPLACEMENT AREA:
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.
LEGEND:

50 (50) EXISTING CONTOUR
50.0 PROPOSED CONTOUR
50.0 EXISTING SPOT ELEVATION
50.0 PROPOSED SPOT ELEVATION

- NOTES:
- THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
RCRD 3720-0384
 - NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: N/A LOT OF RECORD
SEE RCRD 1075-266 (1946)
 - THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
 - a) NO SURFACE WATER WITHIN 100' OF
b) NO WELLS WITHIN 100' PROPOSED
c) NO HYDRIC B SOILS WITHIN 100' SYSTEM
d) NO HYDRIC A SOILS WITHIN 100'
 - ALL COMPONENTS OF EXISTING SYSTEM TO BE REMOVED OR CRUSHED/FILLED PER DES REQUIREMENTS.

PLOT PLAN

1"=APPROX

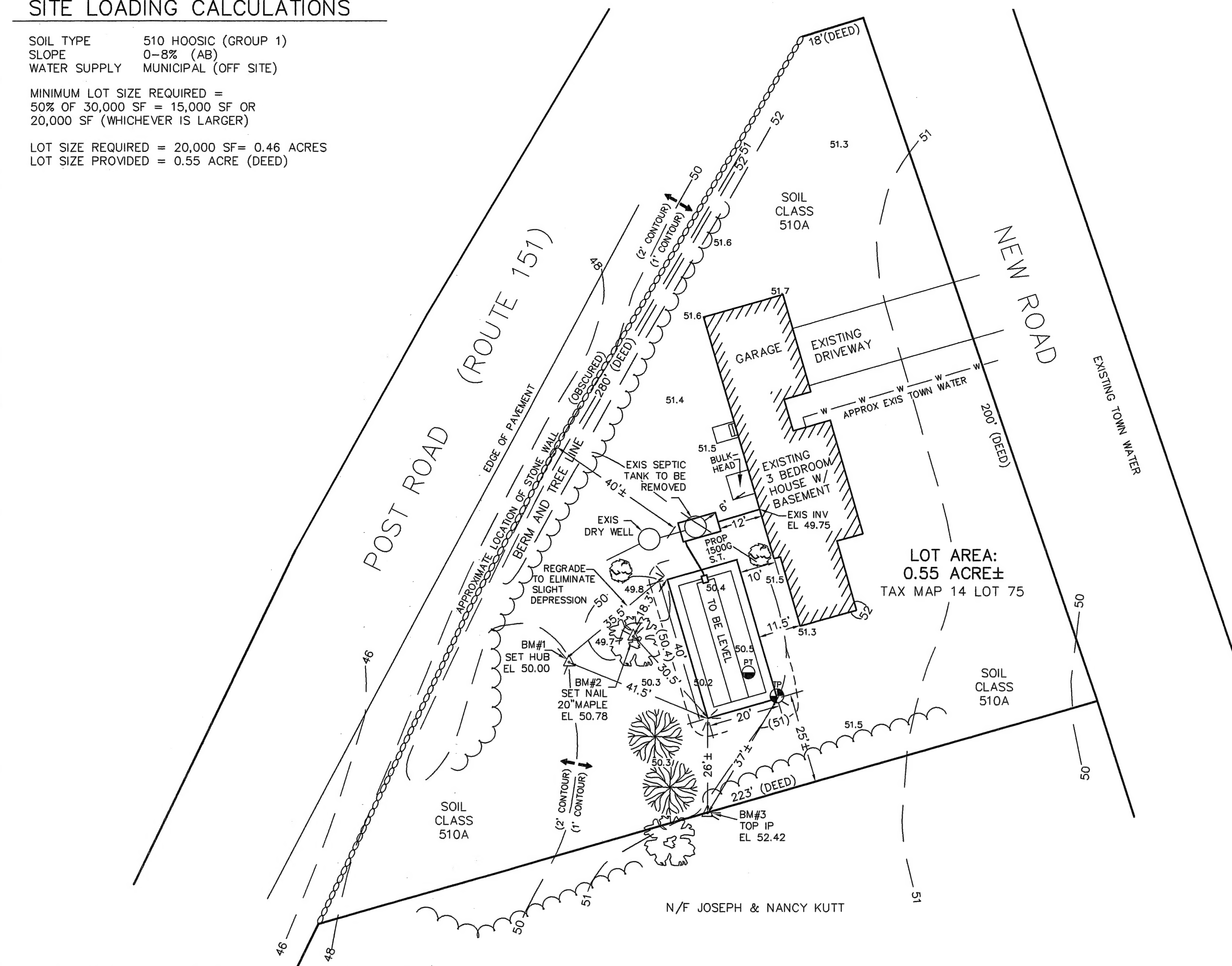


CROSS SECTION DISPOSAL SYSTEM - NOT TO SCALE

PLAN : 1"=20'

SITE LOADING CALCULATIONS

SOIL TYPE 510 HOOSIC (GROUP 1)
SLOPE 0-8% (AB)
WATER SUPPLY MUNICIPAL (OFF SITE)
MINIMUM LOT SIZE REQUIRED = 50% OF 30,000 SF = 15,000 SF OR 20,000 SF (WHICHEVER IS LARGER)
LOT SIZE REQUIRED = 20,000 SF = 0.46 ACRES
LOT SIZE PROVIDED = 0.55 ACRE (DEED)



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS
ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV-WS 1023.05 IF NET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA

DATE: JANUARY 21, 2008

TOWN INSPECTOR: RICHARD BOND

TEST PIT #1 ELEVATION 51.0

0-12" 10YR3/6 FINE SANDY LOAM TOPSOIL GRANULAR FRIABLE
12-18" 10YR5/6 SLIGHTLY LOAMY GRAVELLY SAND GRANULAR FRIABLE
28-84" 10YR4/4 TO 4/6 GRAVELLY MEDIUM TO COARSE SAND SINGLE GRAIN

NO EVIDENCE OF SHWT TO 84", NO OBSERVED WATER, ROOTS TO 3'+ IN LAWN, NO REFUSAL

PERC TEST DATA

PERC RATE: < 2 MIN/INCH @ 30"

DESIGN LOADING: EXISTING 3 BEDROOMS
PROPOSED 4 BEDROOMS

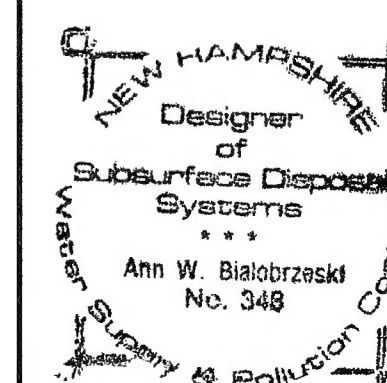
AREA REQUIRED: 4 BEDROOMS (600 GPD) @ 2 MIN/IN
= 750 SQ FT LEACH FIELD REQUIRED

AREA PROPOSED: 20' X 40' = 800 SF PROVIDED

PROPOSED REPLACEMENT SEPTIC SYSTEM PLAN

LOCUS: 24 NEW ROAD
NORTH HAMPTON, NH

OWNER: ANDREW J. JANIAK, TRUSTEE
ANDREW J. JANIAK TRUST OF 1994
24 NEW ROAD
NORTH HAMPTON, NH 03862



APPLICANT:
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603 929-7404

DATE: JANUARY 28, 2008

APPROVAL: CA2008091830